

# M A Y

at the

## CALIFORNIA ACADEMY OF SCIENCES

### MAY MEETING

Date: Thursday, May 12, 8:15 p.m.  
Place: Morrison Auditorium  
Speaker: Lois Crisler  
Subject: "WOLVES OF THE ARCTIC TUNDRA"

If you were amazed and delighted with the films, "The Olympic Elk" and "White Wilderness", you will anticipate a unique evening. The same creative minds are responsible for this program of color slides and motion pictures, being the work of Mr. and Mrs. Herb Crisler.

They have explored the tundra habitat of the wolves, bringing rare sequences of their games and play; the mouth-feeding of pups by an adult male wolf; the differing caribou formations in the spring, summer and fall migrations; and the sometimes surprising relations between wolves and caribou. Highlighting this program is a 15-minute movie dealing with the relations between wolves and humans at the Crisler's Crag Cabin in Colorado. (Members and guests)

### MORRISON PLANETARIUM

"COLOR IN THE COSMOS" continues through May 15.

"MEN ON A MOUNTAIN" begins on May 18.

Many of the interesting and even revolutionary developments which have been made at the famous Lick Observatory atop Mt. Hamilton are discussed and illustrated in the new astronomy show. Performances are given daily, Wednesday through Sunday, at 3:30 and 8:30 p.m. with an extra matinee performance at 2:00 p.m. on Saturdays and Sundays. (Adults, 75¢, Juniors, 40¢)

### "SCIENCE IN ACTION"

Monday nights, 7:00 p.m., KRON-TV, Channel 4.

May 16: "Modern Food Science", with Guest Scientist, Dr. Ray B. Wakefield.

May 23: "Man-made Maladies", with Dr. J. Ralph Audy.

May 30: "Radiation Detectors", with Dr. John Clark.

June 6: "Strategic Air Command", with special guests from the nation's air command center at Omaha.

("Science in Action" returns to the air, Monday, September 12)

## NEWS and NOTES . . . . .

Sponsored annually by the San Francisco Aquarium Society, the 1960 Fish Show will be held at Steinhart Aquarium, Wednesday, May 25 through Monday, May 30. All aquarists, including members of the society as well as non-members, adults, juniors and dealers, are invited to compete in the various classes. Judging will be on Friday evening, May 27. For further information, telephone the Show Committee at SKYline 2-0865.

Through the generosity of Mrs. Arnold Liebes of San Mateo, the Academy now has in its possession many unusual and valuable Alaskan artifacts collected by the late Mr. Liebes during the early part of the Twentieth Century. Among these treasures which came from various points in the Arctic are rare ivories, kayaks, lances, knives, scrapers, harpoons and whale guns, the lower jaw and tusk of a prehistoric mammoth, and several albums of historically important photographs.

The material will be the basis for an Alaskan exhibit which will be presented at the Academy in the autumn.

Distinguished visitors to the Academy during recent weeks have included Director and Mrs. John W. Evans of the Australian Museum at Sydney, Mr. Allen Keast, Curator of Birds at the same institution, and Dr. C. M. Young, Professor of Zoology at the University of Glasgow, Scotland. Dr. Young has been an honorary member of the California Academy since 1948.

An exhibit entitled "Art in Science" consisting of 32 color plates by various well-known artists will be on display in Lovell White Hall of Man and Nature from May 6 to June 6. These varied and dramatic renderings in several media of scientific subjects were originally commissioned for reproduction in Scientific American.

Dr. Alan E. Leviton, Assistant Curator (in charge) of the Department of Reptiles and Amphibians, has been elected Research Associate in Herpetology in the department of Biology at Stanford University.

The California Botanical Club anticipates a 3-day excursion in early May to study the wildflowers of the Mother Lode country in the vicinity of Sonora which has the reputation for being one of the loveliest spots for spring blossoms in the California foothills. Present plans include a visit to Lone in Amador County to seek out specimens of *Arctostaphylos myrtifolia*, a rare manzanita known no other place in the world.

Mr. and Mrs. K. K. Bechtel have made the J. W. Mailliard, Jr., Library richer by a gift of 190 items from their personal library. Of particular interest and value to scholar and scientist alike is a 15-volume limited edition of the "Original Journals of the Lewis and Clark Expedition, 1804-1806" by Reuben Gold Thwaites. Another outstanding item included in their generous gift is a 2-volume edition of "The Spanish Southwest, 1542-1794" by Henry R. Wagner.

The place in which it was caught, the manner in which it was caught, and the fact that it was caught at all, were three things which occurred to the staff of the Department of Fishes when Mrs. Betty Jensen of San Leandro came to the Academy with a 30-inch specimen of *Trachipterus iris*, the ribbonfish. This oddly thin and fragile fish, truly ribbonlike in appearance, delicately tinted with silver and accented with a brilliant red dorsal fin and enormous eyes, took the bait on Mrs. Jensen's hook while she was fishing for perch from a sandy beach near Waddell Creek in the extreme northern part of Santa Cruz County.

The "King of the Salmon", as it is called by the Makah Indians of Washington State, is a deep-water fish. Because of its nature, the fact that it took Mrs. Jensen's bait is unusual, but the unique element is that it was caught at all, for it is indeed a rarity.

The Makah Indians have a legend that "when the King of the Salmon is killed, the salmon will cease to run." Only time will tell the havoc which Mrs. Jensen may have inadvertently created!



## Meet the Staff



GEORGE BUNTUN was a sophomore at U.C.L.A. when the pattern of his future with the stars began to take shape. Not only were his undergraduate majors in astronomy and physics, but he was a student assistant in the Department of Astronomy and a guide at Griffith Observatory. From then until now, his activities have been concentrated in the celestial, his present position being the dual role of Curator of the Academy's Department of Astronomy and Manager of Morrison Planetarium.

Originally from the Blue Grass State, George emigrated to California at an early age. He received his higher education at the aforementioned University of California at Los Angeles, and at the University of Southern California. He was a lecturer at Griffith Observatory for 11 years as well as being in charge of maintenance, repair and construction of exhibits and instruments. His association with the Academy began in 1951 when he came to assist in the completion of the planetarium. Subsequently in 1952, he became manager and lecturer for Morrison. He currently holds the positions of Program Chairman for the Optical Society of Northern California and member of the Board of Directors of the Astronomical Society of the Pacific.

George, and his charming wife, Marie, are not only parents, but the young grandparents of one grandchild. They are fascinated by exotic and unusual cookery, both turning an experienced hand to the foods of many lands. George has hand-tooled much of the furniture in their home in Mill Valley.

The Buntuns anticipate an Hawaiian sojourn in October when George will deliver two lectures under the auspices of the Astronomical Society of the Pacific.

## NEW MEMBERS OF THE ACADEMY

### REGULAR MEMBERSHIP

Miss Dorothy W. Bowen	Mr. Gustave E. Lowe
Mr. Nathan Brot	Mr. Harry Marshall
Miss Mertya M. Chang	Mr. Royal Miller
Mr. Charles B. Foster	Dr. Robert W. Price
Mr. Robert P. Inglis	Miss Mary V. Roberts
Mr. Hubert L. Kertz	Miss Betty Sauter
Mrs. John Kittle	Mr. G. A. Somers
Miss Elisabeth C. Lembke	Mr. Jack Westerman
Mr. James I. Lewis	Mr. Stuart A. Yoffe

### FAMILY MEMBERSHIP

Mr. Erik Ackerlind	Mr. John Johnson
Mr. Claude Anderson	Miss Mary E. Masero
Dr. Lee Cherney	Mr. Randy Olson
Mr. Bernard Enders	Mr. Fulton L. Saier
Dr. L. R. Fink	Mr. Frank Seeley
Miss Sandra Gallagher	Mr. Donald Shapero
Dr. & Mrs. John R. Geary	Mr. Frank E. Skinner
Dr. John Gibbs	Mr. Albert Thomas
Mr. John H. Goodwin	Mr. David P. Wall
Mr. & Mrs. W. F. Holzer	Mrs. M. Worthington
Miss Diane Hudson	Mr. & Mrs. Stephen A. Zellerbach
Miss Judy Hyman	

### ASSOCIATE MEMBERSHIP

Astronomical Society of the Pacific

### LIFE MEMBERSHIP

Mr. Burleigh H. Murray

### CONTRIBUTING MEMBERSHIP

Mr. E. Lamont

### STUDENT MEMBERSHIP

Neil Blank  
Rick Brandorff

THE CALIFORNIA ACADEMY OF SCIENCES  
GOLDEN GATE PARK  
SAN FRANCISCO 18

Open every day of the year  
10:00 a.m. to 5:00 p.m.

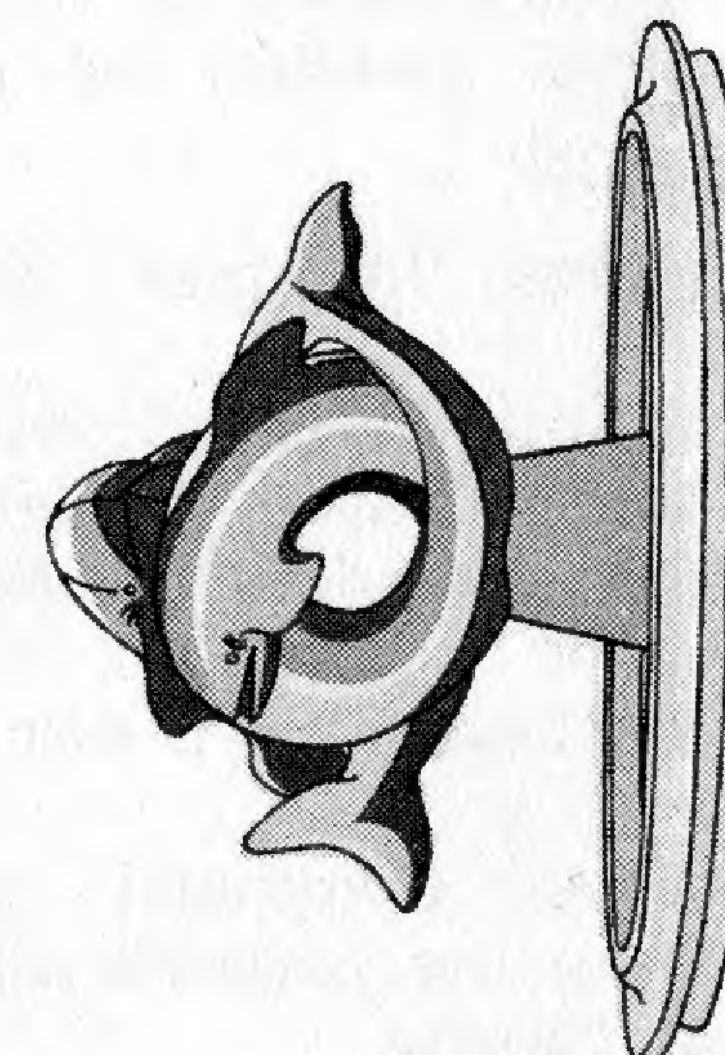
Admission Free

NON-PROFIT ORGANIZATION  
U.S. POSTAGE  
**PAID**  
SAN FRANCISCO, CALIF.  
PERMIT NO. 7544

Ref.  
Q 11  
C22  
no. 245



Academy  
NEWSLETTER



Published Monthly by

THE CALIFORNIA ACADEMY OF SCIENCES  
GOLDEN GATE PARK  
SAN FRANCISCO 18

No. 245

May, 1960